

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/553,509
Source: PCT
Date Processed by STIC: 10/28/2005

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,509

DATE: 10/28/2005

TIME: 12:05:00

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553509.raw

3 <110> APPLICANT: Hirai, Mitsuharu
 5 <120> TITLE OF INVENTION: Method of detecting beta3 adrenaline receptor mutant gene
 and nucleic
 6 acid probe and kit therefor
 8 <130> FILE REFERENCE: TOYA114.010APC
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,509
 C--> 11 <141> CURRENT FILING DATE: 2005-10-18
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/005525
 14 <151> PRIOR FILING DATE: 2004-04-16
 16 <150> PRIOR APPLICATION NUMBER: JP 2003-114381
 17 <151> PRIOR FILING DATE: 2003-04-18
 19 <160> NUMBER OF SEQ ID NOS: 12
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 1227
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: allele
 28 <222> LOCATION: 190
 30 <400> SEQUENCE: 1
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 32 gcgcccaata ccgcacac cagtggctg ccagggttgc cgtgggaggc ggccttagcc 120
 33 ggggcccctgc tggcgctggc ggtgctggcc accgtgggag gcaacctgct ggtcatcgta 180
 34 gccatcgccct ggactccgag actccagacc atgaccaacg tttcgctgac ttgcgtggcc 240
 35 gcagccgacc tggtgatggg actccctggtg gtgcgcggg cggccaccc ttgcgtgact 300
 36 ggcactggc cgttggggc cactggctgc gagctgtgga ctcgggtgga cgtgtgtgt 360
 37 gtgaccgcca gcatgaaac cctgtgcgcc ctggccgtgg accgctactt ggctgtgacc 420
 38 aacccgctgc gttacggcgc actggtcacc aagcgtgcg cccggacaga tgtgtcctg 480
 39 gtgtgggtcg tgcggccgc ggtgtcggtt ggcgcattca tgagccagtgtggcgcgt 540
 40 gggccgacg ccgaggcgca gcgcgtgccac tccaaaccgc gctgtgtgc cttgcctcc 600
 41 aacatgcctt acgtgtgtgt gtctccctcc gtctccttctt accttccttct tctcgatg 660
 42 ctcttcgtct acgcgcgggt ttctgtggtg gtcacgcgc agctgcgcgtt gtcgcgcggg 720
 43 gagctggcc gctttccgc cggaggagtct ccgcggcgc cgtgcgcgtc tctggccccc 780
 44 gccccgggtgg ggacgtgcgc tcgcggcggaa ggggtggcccg ctcggggccg gccccccgg 840
 45 cgccctctgc ctctccggga acacccggcc ctgtgcaccc tgggtctcat catggcacc 900
 46 ttcaactctct gctgggtgcc ctctttctg gccaacgtgc tgcgcgcctt gggggggcccc 960
 47 tctctagtcc cggggccggc ttcttcgtgc ctgaactggc taggttatgc caattctgcc 1020
 48 ttcaacccgc tcatactactg ccgcagcccg gacttcgcac ggcgccttc cgtctttcg 1080
 49 tgccgctgcg gccgtgcgtt gcttcggag ccctgcgcgg cgcggccccc ggccttc 1140
 50 ccctcggccg ttctcgccgc cccggagcagc ccagcgcagc ccaggctttg ccaacggcgc 1200
 51 gacggggctt cttggggagt ttcttag 1227
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 1227
 55 <212> TYPE: DNA

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56 <213> ORGANISM: Homo sapiens
 58 <220> FEATURE:
 59 <221> NAME/KEY: allele
 60 <222> LOCATION: 190
 62 <400> SEQUENCE: 2
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 64 gcggccaata cggccaaacac cagtggctg ccaggggttc cgtgggaggc ggccctagcc 120
 65 gggccctgc tggcgctggc ggtgctggcc accgtgggag gcaacctgct ggtcatcg 180
 66 gccatcgccc ggactccgag actccagacc atgaccaacg tggcgctggc 240
 67 gcaaggcacc tggtgatggg actcctgtgt gtggcccg cggccaccc 300
 68 ggccactggc cggtggcgc cactggctgc gagctgtgga cctcggtgga cgtgtgtgt 360
 69 gtgaccgcca gcatcgaaac cctgtgccc ctggccgtgg accgctaccc 420
 70 aacccgctgc gttacggcgc actggtcacc aagcgctg 480
 71 gtgtgggtcg tgcggccgc ggtgtcg 540
 72 gggccgacg cggaggcgca ggcgtgccac tccaaaccgc gctgtgtgc ctgcctcc 600
 73 aacatgcct acgtgtcgct gtcctcctcc gtctccttct accttccttct tctcgatg 660
 74 ctctcgctc acgcgcgggt ttcgtggg 520
 75 gagctgggccc gcttcgcgc cgaggagtct cggccggcgc cgtcgccgc tctggccccc 780
 76 gccccgggtgg ggacgtgcgc tcgcggcga ggggtgccc cctcgccgc gccccccgc 840
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 81 tgccgctgcg gccgtgcgcct gcctccggag ccctgcgcgc cccggccccc gccccttc 1140
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 83 gacggggctt ctggggagt ttcttag 1227
 85 <210> SEQ ID NO: 3
 86 <211> LENGTH: 20
 87 <212> TYPE: DNA
 88 <213> ORGANISM: Artificial Sequence
 90 <220> FEATURE:
 91 <223> OTHER INFORMATION: primer
 93 <400> SEQUENCE: 3
 94 gccagcgaag tcacgaacac 20
 96 <210> SEQ ID NO: 4
 97 <211> LENGTH: 14
 98 <212> TYPE: DNA
 99 <213> ORGANISM: Artificial Sequence
 101 <220> FEATURE:
 102 <223> OTHER INFORMATION: primer
 104 <400> SEQUENCE: 4
 105 ggccgtggcg gtgc 14
 107 <210> SEQ ID NO: 5
 108 <211> LENGTH: 16
 109 <212> TYPE: DNA
 110 <213> ORGANISM: Artificial Sequence
 112 <220> FEATURE:
 113 <223> OTHER INFORMATION: probe
 115 <400> SEQUENCE: 5

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116 ccatcgcccg gactcc	16
118 <210> SEQ ID NO: 6	
119 <211> LENGTH: 19	
120 <212> TYPE: DNA	
121 <213> ORGANISM: Artificial Sequence	
123 <220> FEATURE:	
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126 <400> SEQUENCE: 6	
127 ccatcgcccg gactccgag	19
129 <210> SEQ ID NO: 7	
130 <211> LENGTH: 19	
131 <212> TYPE: DNA	
132 <213> ORGANISM: Artificial Sequence	
134 <220> FEATURE:	
135 <223> OTHER INFORMATION: probe	
137 <400> SEQUENCE: 7	
138 gtcatcgtgg ccatcgccc	19
140 <210> SEQ ID NO: 8	
141 <211> LENGTH: 20	
142 <212> TYPE: DNA	
143 <213> ORGANISM: Artificial Sequence	
145 <220> FEATURE:	
146 <223> OTHER INFORMATION: probe	
148 <400> SEQUENCE: 8	
149 cgtggccatc gccccgactc	20
151 <210> SEQ ID NO: 9	
152 <211> LENGTH: 20	
153 <212> TYPE: DNA	
154 <213> ORGANISM: Artificial Sequence	
156 <220> FEATURE:	
157 <223> OTHER INFORMATION: probe	
159 <400> SEQUENCE: 9	
160 catcgccctgg actccgagac	20
162 <210> SEQ ID NO: 10	
163 <211> LENGTH: 18	
164 <212> TYPE: DNA	
165 <213> ORGANISM: Artificial Sequence	
167 <220> FEATURE:	
168 <223> OTHER INFORMATION: probe	
170 <400> SEQUENCE: 10	
171 catcgccctgg actccgag	18
173 <210> SEQ ID NO: 11	
174 <211> LENGTH: 16	
175 <212> TYPE: DNA	
176 <213> ORGANISM: Artificial Sequence	
178 <220> FEATURE:	
179 <223> OTHER INFORMATION: probe	
181 <400> SEQUENCE: 11	
182 catcgccctgg actcccg	16

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Input Set : A:\PTO.RJ.TXT
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184 <210> SEQ ID NO: 12
185 <211> LENGTH: 15
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: probe
192 <400> SEQUENCE: 12
193 catcgccctgg actcc

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VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date